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#### **PATENT**

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Attorney Docket No. 004770.00167)

In re U.S. Patent Application of Pekonen, et al.	)
	) Group Art Unit: 2681
Application No. 10/804,263	)
	) Examiner: Unassigned
Filed: March 19, 2004	)
1100.1411011 17, 2001	) Confirmation No. 7432
For: Advanced Handover In Phased-	)
SHIFTED AND TIME-SLICED	í
	?
Networks	)

### INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 CFR §1.97 and 1.98, the Applicant wishes to make the following references of record in the above-identified application. This Information Disclosure Statement is in compliance with the continuing duty of candor as set forth in 37 CFR §1.56. Copies of the references cited below are enclosed. The references are also listed on the enclosed and completed form PTO/SB/08A.

The U.S. references were filed electronically on July 28, 2004. A copy of the Electronic Information Disclosure Statement is attached hereto.

This Information Disclosure Statement is filed under 37 CFR §1.97(b) within three months of this application's filing date or before the mailing date of a first Office Action on the merits. Accordingly, there is no fee due for filing this Information Disclosure Statement.

Under 37 CFR §1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made.

Under 37 CFR §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the cited references are, or are considered to be, material to patentability as defined in 37 CFR §1.56(b).

### <u>REFERENCES</u>

DE 10164665A1, published August 1, 2002

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- European Search Report for European Patent Application No. 03255819.9-1525 dated January 29, 2004
- Huang, Su and Chao, "Architectures and Handoff Schemes for CATV-Based Personal Communications Network", Infocom '98, 17<sup>th</sup> Annual Joint Conference of the IEEE

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Date: July 29, 2004

Respectfully submitted,

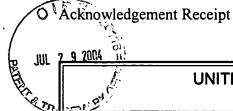
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## UNITED STATES PATENT AND TRADEMARK OFFICE **ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1 Stylesheet Version v1.1.1

> Title of Invention

Advanced Handover in Phased-Shifted and Time-Sliced Networks

Submission Type:

Information Disclosure Statement

**Application Number:** 

10/804263

\*10/804263\*

EFS ID:

65413

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ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
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First Named Applicant:

Harri Pekonen

Attorney Docket Number: 004770.00167

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package-data	package-data.dtd	27025
package-data	us-package-data.xsl	19263
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Government,c=US



## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

Advanced Handover in Phased-Shifted and Time-Sliced Networks

**Application Number:** 

10/804263

\*10/804263\*

Confirmation Number:

7432

First Named Applicant:

Harri Pekonen Attorney Docket Number: 004770.00167

Art Unit:

2681

Examiner:

**Unassigned Unassigned** 

Search string:

( 4449248 or 5224152 or 5307376 or 5371734 or 5513246 or 5539925 or 5568513 or 5613235 or 5657313 or 5710756 or 5732068 or 5745860 or 5799033 or 5870675 or 5883899 or 5886995 or 5995845 or 6047181 or 6088412 or 6167248 or 6175557 or 6226278 or 6256357 or 6262982 or 6262990 or 6282209 or 6285686 or 6295450 or 6335766 or 6339713 or 6356555 or 6477382 or 6490727 or 5671253 or 6069901 or

6549592 or 6385264 or 6320855 or 6366568 or 6021122 or 5959995 or 6256300 or 20020010763 or 20020025777 or

20030067943 or 20020122465 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	2	5224152	1993-06-29	Harte			
	3	5307376	1994-04-26	Castelain			
	4	5371734	1994-12-06	Fischer			
	5	5513246	1996-04-30	Jonsson			
	6	5539925	1996-07-23	Yli-Kotila			
	7	5568513	1996-10-22	Croft			
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1	2	5745860	1998-04-28	Kallin
1	3	5799033	1998-08-25	Baggen
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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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	4	20020122465	2002-09-05	Agee	]		

## Signature

Examiner Name	Date

PTO/SB/21 (08-00) Please type a plus sign (+) inside this box  $\longrightarrow$  +Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Wholer the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/804,263 TRANSMITTAL **Filing Date** March 19, 2004 **FORM First Named Inventor** Pekonen (to be used for all correspondence after initial filing) **Group Art Unit** 2681 **Examiner Name** Unassigned Total Number of Pages in This Submission 4 **Attorney Docket Number** 04770.00167

		ENCLOSURES	(check all that apply)	
Fee Transmittal F	Form	Assignment Pap		After Allowance Communication to Group
Fee Attached	i	☐ Drawing(s)		Appeal Communication to Board of Appeals and Interferences
Amendment / Re	sponse	Licensing-relate	d Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final		Petition		Proprietary Information
Affidavits/dec	claration(s)	Petition to Conv Provisional App		Status Letter
Extension of Time	e Request	Power of Attorne	ey, Revocation espondence Address	Other Enclosure(s) (please identify below):
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Firm Kenneth F. Smolik				
Individual name Banner & Witcoff, Ltd.				
Signature	Kennte	17 An	rolk	
Date	July 29, 2004	• • • • • • • • • • • • • • • • • • •		

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# CERTIFICATE OF EXPRESS MAIL (PATENT)

Attorney Docket No. 004770.00167

Express Mail No. EV 306401416 US Deposited July 29, 2004

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Ву

Pekonen, et al., U.S. Patent Application No. 10/804,263 for "ADVANCED HANDOVER IN PHASED-SHIFTED AND TIME-SLICED NETWORKS"

- Transmittal Form (in duplicate)
- Information Disclosure Statement (3 pages)
- Form PTO/SB/08A (1 page)
- Acknowledgment Receipt for Electronic Filing of IDS (2 pages)
- Copy of Electronic IDS (3 pages)
- 18 References
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number

Filing Date
First Named Inventor
Group Art Unit
Examiner Name

Complete if Known

Application Number

10/804,263

Filing Date
March 19, 2004

First Named Inventor
Group Art Unit
Examiner Name

Unassigned

Sheet

of

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FOREIGN PA	TENT DOCUMEN	NTS		
	0.11-	Foreign Patent Document		Name of Patentee	Pages, Columns, Lines,	
	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date or Applicant of MM-DD-YYYY Cited Document		Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	1	DE 10164665A1	August 1, 2002			
	2	EP 0577322A1	January 5, 1994			
	3	WO 02/03729	January 10, 2002			
	4	WO 02/01879	January 3, 2002			
	5	WO 02/03728	January 10, 2002			
	6	WO 00/67449	November 9, 2000			
	7	WO 00/36861	June 22, 2000			
	8	WO 01/72076	September 27, 2001			
	9	WO 01/31963	May 3, 2001			

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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	10	Apostolis K. Salkintzis et al. 'An In-Band Power-Saving Protocol for Mobile Data Networks' IEEE Transactions on Communications, Vol. 46, No.9, Sept. 1998, pgs. 1194-1205.	
	11	Apostolis K. Salkintzis et al. 'Performance Analysis of a Downlink Mac Protocol with Power-Saving Support", IEEE Transactions on Vehicular Technology, Vol. 49, No.3, May 2000, pages 1029-1040	
	12	DEERING S., Host Extensions for IP Multicasting, Network Working Group, August 1989, 1-16, Stanford, California	
	13	Digital Video Broadcasting (DVB); DVB Specification for Data Broadcasting, European Telecommunications Standard Institute, May 2003, 1-58, ETSI EN 301 192 v1.3.1, France.	
	14	Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB Systems, European Telecommunications Standard Institute, May 2003, 1-93, ETSI EN 300 468 v.1.5.1, France.	
	15	Draft Report of the 52nd Meeting of DVB GBS, EBU Headquarters, Geneva, June 25-27, 2002. pages 1-12.	
	16	European Search Report for European Patent Application No. 03255819.9-1525 dated January 29, 2004	
	17	Huang, Su and Chao, "Architectures and Handoff Schemes for CATV-Based Personal Communications Network", Infocom '98, 17th Annual Joint Conference of the IEEE Computer and Communications Societies, IEEE San Francisco, CA, March 1998, pp. 748-755	
	18	International Search Report for PCT/US03/00038 mailed September 8, 2003	

Examiner Signature	Date Considered	

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